

FORM PTO-1390  
(REV 12-29-99)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

2523US0P

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

09/700643

INTERNATIONAL APPLICATION NO.  
PCT/JP99/02650INTERNATIONAL FILING DATE  
May 20, 1999PRIORITY DATE CLAIMED  
May 21, 1998

TITLE OF INVENTION

ANTIBODY AND USE THEREOF

APPLICANT(S) FOR DO/EO/US

Hirokazu MATSUMOTO et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
  2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
  3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
  4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
  5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
    - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☒ has been transmitted by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)). \*
  7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
    - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☐ have been transmitted by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - d. ☐ have not been made and will not be made.
  8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
  9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (**Unexecuted Declaration**)
  10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11. to 16. below concern document(s) or information included:
11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
  12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
  13. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
  14. ☐ A substitute specification.
  15. ☐ A change of power of attorney and/or address letter.
  16. ☒ Other items or information:
    - 1) Sequence Listing (Paper & Computer-readable copies)
    - 2) Sequence Listing Statement

\* This includes specification 79 total pages, including Claims 1-9(1 pg), Abstract (1 pg), Drawings (11 pgs) and Sequence Listing (6 pgs).

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PCT/JP99/02650

Calculations	PTO Use Only
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Attorney Docket No. 2523 USOP

532 Rec'd PCT/PTO 16 NOV 2000

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hirokazu MATSUMOTO et al. )  
Serial No.: to be assigned )  
Filed: November 16, 2000 ) Art Unit: to be assigned  
Title: Antibody and Use Thereof ) Examiner: to be assigned

**CERTIFICATE OF EXPRESS MAILING under 37 C.F.R. §1.10**

Express Mail Label No. EL783844412US

Deposited on November 16, 2000

The undersigned certifies that the following attached documents:

1. PTO Return Receipt Postcard
2. Transmittal Letter for filing under 37 CFR 371 (2 pages X 2 = 4 pages) with authorization to charge deposit account for filing fees
3. Copy of International Application PCT/JP99/02650 as filed 20 MAY 1999 including Description, Claims, and Abstract (62 pages), Sequence Listing (6 pages) and Figures 1-14 (11 pages) (79 pages total)
4. Un-executed Declaration and Power of Attorney (4 pages)
5. Submission of Sequence Listing CRF and printout (5 pages)
6. 3.5" IBM-PC Disk with CRF of sequence listing
7. First Preliminary Amendment (1 page)
8. Copy of the IPER for PCT/JP99/02650 (4 pages)
9. Copy of International Search Report for PCT/JP99/02650 (1pages)
10. Information Disclosure Statement (2 pages)
11. Form PTO-1449 modified (1 page)
12. Copies of Cited References (3 references)

are together being deposited with an USPS Employee for delivery by the USPS "Express Mail Post Office to Addressee" service in an envelope with sufficient postage addressed to: BOX PCT, Commissioner for Patents, Washington, D.C. 20231, under the Express Mail Label Number and the date-in indicated above.

  
Mark Chao, Reg. No. 37,293Nov 16, 2000  
Date